Electronic Acknowledgement Receipt			
EFS ID:	3363393		
Application Number:	10532524		
International Application Number:			
Confirmation Number:	5817		
Title of Invention:	Amplitude and phase matching for layered modulation reception		
First Named Inventor/Applicant Name:	Ernest C Chen		
Correspondence Address:	GeorgannS Grunebach   The Directv Group Inc		
Filer:	Todd N. Snyder/Janet Shibata		
Filer Authorized By:	Todd N. Snyder		
Attorney Docket Number:	PD-201033		
Receipt Date:	27-MAY-2008		
Filing Date:	25-APR-2005		
Time Stamp:	20:08:42		
Application Type:	U.S. National Stage under 35 USC 371		
Payment information:			
Submitted with Payment	no		

File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.
1 Information Disclosure Statement (IDS) Filed	Information Disclosure Statement	PD-201033-IDS-efile.pdf	140608	no	3
	F D-201033-ID3-etile.pdi	od10801eae93f17458b3e2a7d39fd505 ae06a53a	110	3	
Warnings:					
Information:					
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2 NPL Documents	NDI D	Combarel-HD-SAT-article.pd f	560793	no	8
	NPL Documents		dBccc77e173f97b032cols44e4a364370 9c7a2b5		
Warnings:				-	
Information:					
2	3 NPL Documents	PD-202021-EP-OA-05-06-08 .pdf	267083	no	5
			baa9d62350aa7b5b91453017b596b55 a007f0fb9		
Warnings:					
Information:					
4 NPL Docu	NPL Documents	PD-201014-EP-OA-05-06-08 .pdf	326537	no	6
	NI E DOCUMENTS		65e664812156634a15b43dd7b0367e4 27ac43816		
Warnings:					
Information:					
5 NPL Documents	NPI Documents	PD-201014-NAL.pdf	204293	no	4
	THE BOOMHERIES		9154ace0d62f10a3fe398b4ea94969e6 43bde6b9		
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	·	Total Files Size (in bytes)	14	99314	

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## New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

## National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

## New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RD/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.